World Ocean Circulation Experiment: Support for the U.S. WOCE Office

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Award #: N00014-01-1-0037
http://www-ocean.tamu.edu/WOCE/uswoce.html

LONG-TERM GOALS

The U.S. WOCE Office (USWO) at Texas A&M University was established to carry out the necessary coordination both within the U.S. and between the U.S. and international partners to permit successful implementation of this multi-national project, which aims to improve our knowledge of the ocean's role in long-term (decadal and longer) climate change.

OBJECTIVES

Principal specific responsibilities of the U.S. WOCE Office have been agreed between federal agencies and the Principal Investigator as follows:

1. Provide support for U.S. WOCE activities through:

    a. Preparing position papers and other documentation with respect to the efforts of the individual WOCE components and the panels and working groups of the Science Steering Committee (SSC).

    b. Coordinating travel and meeting arrangements for scientists attending meetings of the panels and working groups mentioned above.

    c. Compiling and maintaining records detailing the progress of the individual funded research projects that make up U.S. WOCE.

    d. Coordinating between the individual research projects in the acquisition and use of shared facilities, and the distribution of information about and data obtained by WOCE field activities.

    e. Coordinating and exchanging information with international WOCE partners.

    f. Coordinating and exchanging information with other global change research programs.

    g. Maintaining a public information program.

2. Provide support for the International Project Office for WOCE (IPO) through:

    a. Coordinating travel arrangements and providing financial support for U.S. participants in international WOCE panel and working group meetings.

Report Documentation Page

Form Approved
OMB No. 0704-0188

1. REPORT DATE	2. REPORT TYPE	3. DATES COVERED
30 SEP 2002		**00-00-2002 to 00-00-2002**

4. TITLE AND SUBTITLE	5a. CONTRACT NUMBER
World Ocean Circulation Experiment: Support for the U.S. WOCE Office	5b. GRANT NUMBER
	5c. PROGRAM ELEMENT NUMBER
6. AUTHOR(S)	5d. PROJECT NUMBER
	5e. TASK NUMBER
	5f. WORK UNIT NUMBER
7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES) **Department of Oceanography,Texas A&M University,,3146 TAMU,,College Station,,TX, 77843**	8. PERFORMING ORGANIZATION REPORT NUMBER
9. SPONSORING/MONITORING AGENCY NAME(S) AND ADDRESS(ES)	10. SPONSOR/MONITOR'S ACRONYM(S)
	11. SPONSOR/MONITOR'S REPORT NUMBER(S)

12. DISTRIBUTION/AVAILABILITY STATEMENT
Approved for public release; distribution unlimited

13. SUPPLEMENTARY NOTES

14. ABSTRACT
The U.S. WOCE Office (USWO) at Texas A&M University was established to carry out the necessary coordination both within the U.S. and between the U.S. and international partners to permit successful implementation of this multi-national project, which aims to improve our knowledge of the ocean???s role in long-term (decadal and longer) climate change.

15. SUBJECT TERMS

16. SECURITY CLASSIFICATION OF:			17. LIMITATION OF ABSTRACT	18. NUMBER OF PAGES	19a. NAME OF RESPONSIBLE PERSON
a REPORT	b ABSTRACT	c THIS PAGE			
unclassified	**unclassified**	**unclassified**	**Same as Report (SAR)**	**4**	

b. Providing technical and managerial assistance through the financial support of consulting personnel and printing costs.

APPROACH

As the WOCE program has matured, the U.S. WOCE Office has concentrated on the following Topics both within the U.S. and internationally: data management, synthesis activities within the program, which includes improved coordination among the U.S. ocean modeling community, program transfer to CLIVAR and GOOS, provision of information on the progress of WOCE, and travel support for U.S. participants at WOCE panel meetings. The final WOCE Conference will take place in San Antonio in November 2002, after which the office will close.

WORK COMPLETED

ONR support to the USWO was provided specifically to support travel of U.S. participants at WOCE-related meetings within the U.S. Recent meetings either underwritten or supported by the U.S. WOCE Office include:

International WOCE SSG Meeting, La Jolla, CA, 6-7 December, 2001.
International WOCE Data Products Committee Meeting, Hobart, Australia, 19-22 March, 2002.
International WOCE Tracer meeting, Seattle, 27-29 March, 2002.

The only additional meeting planned for support during the remainder of this calendar year is the final WOCE Conference mentioned above. This will be in San Antonio during the period 18-22 November, 2002.

RESULTS

Not applicable

IMPACT/APPLICATIONS

Not applicable

TRANSITIONS

Not applicable

RELATED PROJECTS

The two main programs that will carry on after WOCE are the Climate Variability and Predictability Programme (CLIVAR) and the Global Ocean Observing System (GOOS). The data system established for WOCE is being used as a basis for CLIVAR data management and could form part of the GOOS data system.

PUBLICATIONS

U.S. WOCE Office (2001): U.S. WOCE Implementation Report #13, December 2001, 64 pp.

Di Marco, S.F., Chapman, P., Nowlin, W. D., Luther, M., Hacker, P., Toole, J. and Johnson, G. (2002): Volume transport and property distributions of the Mozambique Channel. Deep-Sea Res. II, 49, 1481-1511.

Chapman, P., Di Marco, S.F., Davis, R.E. and Coward, A.C. (2002). Flow at intermediate depths around Madagascar based on ALACE float trajectories. Submitted to Deep-Sea Research.

Chapman, P. (2001). The WOCE atlas series. International WOCE Newsletter, 41, 6-7.

Chapman, P. (2001). A scientific celebration of WOCE. International WOCE Newsletter, 41, 14.

Gould, J., Wunsch, C., Nowlin, W. and Chapman, P. (2002). WOCE and Beyond - Planning for the final WOCE Conference. International WOCE Newsletter, 42, 28-30.